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## PATENT SPECIFICATION



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### PROVISIONAL SPECIFICATION

#### A Couch or Reclining Seat of the Hammock Type

We, DAVID WINDOVER MILLARD, a British Subject, and MILLARD BROTHERS LIMITED, a British Company, both of 467, Caledonian Road, London, N.7, do hereby declare the nature of this invention to be as follows:—

The present invention relates to a couch or reclining seat in which the occupant can rest at full length on a support of the hammock type.

A couch or seat of this nature is, according to this invention, mounted on one or more rockers adapted to bear on the ground.

In a convenient form of construction the hammock-like seat is in the form of a length of canvas or other material connected at its head and at its foot to a rocker device, which preferably comprises two curved lengths of tubing

joined together at the head and at the foot, but spaced apart from one another throughout the remainder of their length, and adapted to rest on the ground throughout a short portion only of their length. The two curved lengths of tubing are braced together at spaced intervals.

It is in most cases desirable that the rocker frame should be of a hinged or jointed nature to increase its portability.

Preferably a canopy is arranged above the seat, being secured to uprights mounted at each end of the rocker frame.

Dated this 20th day of March, 1935.

ABEL & IMRAY,  
Agents for the Applicants,  
30, Southampton Buildings,  
London, W.C.2.

### COMPLETE SPECIFICATION

#### A Couch or Reclining Seat of the Hammock Type

We, DAVID WINDOVER MILLARD, a British Subject, and MILLARD BROTHERS LIMITED, a British Company, both of 467, Caledonian Road, London, N.7, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The present invention relates to a couch or reclining seat in which the occupant can rest at full length on a support of the hammock type.

The device consists of a rocking frame comprising two longitudinal curved lengths of tubing joined together at the head and foot, but spaced apart from one another throughout the remainder of their length, and a hammock slung between the two ends of such frame.

The hammock-like seat portion is mounted in such manner that a to-and-fro swinging movement can be imparted to it.

It is in most cases desirable that the rocker frame should be of a hinged or jointed nature to increase its portability.

Preferably a canopy is arranged above

the seat, being secured to uprights mounted at each end of the rocker frame.

It has previously been proposed to provide a folding tent with a rocking frame comprising rocking bows connected at their ends by pivots from which a hammock is slung, and to house a hammock in the tent in such manner that the hammock participates in the movements of the tent.

One form of construction of the invention is illustrated in the annexed drawings, in which:—

Fig. 1 is a perspective view of the complete device.

Fig. 2 is a perspective view on a larger scale than that of Fig. 1 of a portion of a canopy.

Fig. 3 is a perspective view, also on a larger scale, of a part of the hammock-like couch and its associated parts.

Fig. 4 represents a member for bracing the rockers.

As shown in these drawings, the lower part of the device consists of two curved tubular rocker members  $a$  and  $a'$ , each of which preferably consists of a number of short lengths to facilitate transport,

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As shown in Fig. 1, the rocker members are joined together at their ends, but are spaced apart from one another throughout the remainder of their length. At each end the two rocker arms are connected to a hinge fitting which comprises two short arms  $b$  and  $b^1$  and a spherical boss  $c$ , one half of the boss being an extension of the arm  $b$  and the other half being an extension of the arm  $b^1$ , the arrangement being such that a double ball-and-socket joint is formed. The arm  $b$  is adapted to be inserted in one end of the tube  $a$ , and the arm  $b^1$  into the corresponding end of the arm  $a^1$ . The hammock-like part  $d$ , which is conveniently formed of canvas, is mounted at each end on a metal frame  $e$  supported on two hooks  $f$ , screwed into slots in the rocker members  $a$  and  $a^1$  and arms  $b$  and  $b^1$ . In order to facilitate attachment of the part  $d$  to its supporting frame, the lower part of the latter consists of portions  $e^1$  and  $e^2$ , of which the ends are spaced apart from one another, the gap being bridged by a sliding sleeve  $g$ . The canopy  $h$  is mounted at each end on a frame  $j$  having a curved portion  $j^1$  adapted to engage a hooked portion  $k^1$  of an upright  $k$  secured at its lower end to the boss  $c$ . Two straps  $l$  serve as bracing members for the rocker members.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. A hammock-like couch or reclining seat consisting of a rocking frame comprising two longitudinal curved lengths of tubing joined together at the head and foot, but spaced apart from one another throughout the remainder of their length, and a hammock slung between the two ends of such frame.

2. A hammock-like couch or reclining seat according to Claim 1, in which two fittings are provided, one for each end of the rocker members, such fittings each comprising two short arms that engage the rocker members at their inner ends, whilst their outer ends co-operate with a spherical boss in such manner that two ball-and-socket joints are formed.

3. A hammock-like seat or reclining couch according to Claim 2, in which the couch portion is connected at each end to the arms that engage the rocker members in such manner that a swinging movement can be imparted to the couch.

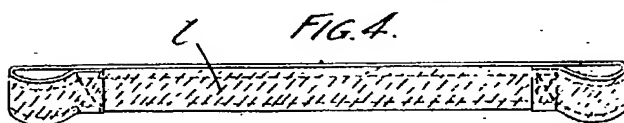
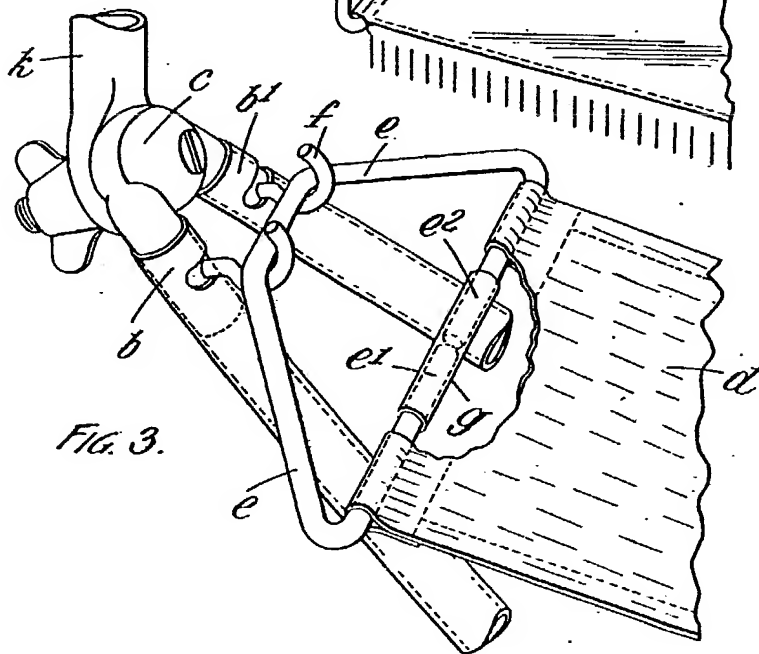
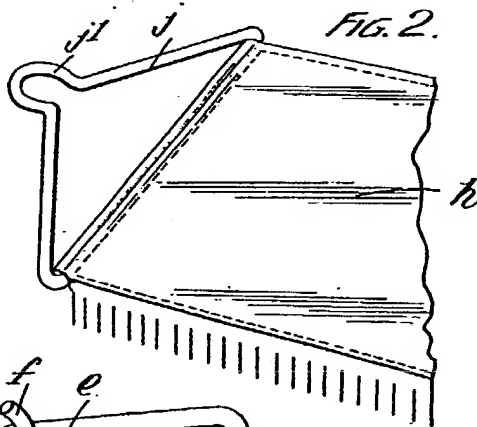
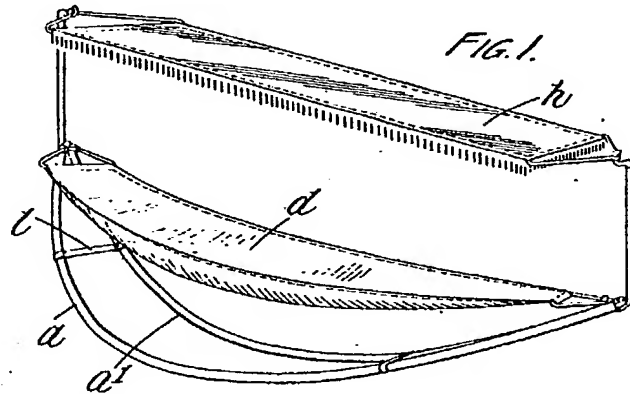
4. A hammock-like seat or reclining couch according to any one of the preceding claims, in which a canopy is supported above the couch.

5. A hammock-like couch or reclining seat substantially as described with reference to any of the figures of the accompanying drawings.

Dated this 2nd day of March, 1936.

ABEL & IMRAY,  
Agents for the Applicants.

[This Drawing is a reproduction of the Original on a reduced scale.]



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